

Converting Colors

CIELCh(71, 16.475, 4.854)

Have a look what the booklet for
CIELCh(71, 16.475, 4.854) contains.

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Color

CIELCh(71, 16.542, 3.807)

Conversions

Conversions Part 1

Format	Color
Hex	CCA3AC
RGB	204, 163, 172
RGB Percent	80%, 64%, 67%
CMY	0.1987, 0.3595, 0.3242
CMYK	0.00, 0.20, 0.16, 0.20
HSL	347°, 29%, 72%
HSV	347°, 20%, 80%
XYZ	45.6291, 42.1875, 44.9334
YIQ	176.2850, 21.5470, 11.4910

Conversions

Conversions Part 2

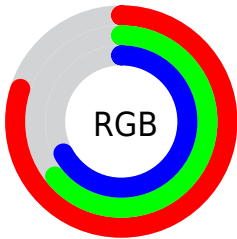
Format	Color
R_{YB}	204, 163, 172
Decimal	13411244
CIE _{Lab}	71.00, 16.51, 1.10
CIE _{LCh}	71, 16.542, 3.807
Yxy	42.1875, 0.3437, 0.3178
Android (android.graphics.Color)	4291601324 (0xFFCCA3AC)
YUV	176.2850, -2.1125, 24.3061
Hunter-Lab	64.9519, 11.7315, 4.4498

Details

The CIELCh color $71, 16.542, 3.807$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 15.328, 179.961$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 14.255, 1.422$, and $51, 16.509, 3.133$ is the 20% darker color. If you saturate the color by 10%, you get $66, 25.315, 5.140$, and if you desaturate by 10%, it is $77, 8.101, 2.674$.

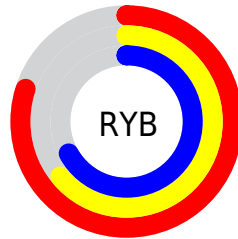
Distribution



Red (80%)

Green (64%)

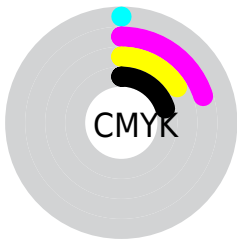
Blue (67%)



Red (80%)

Yellow (64%)

Blue (67%)

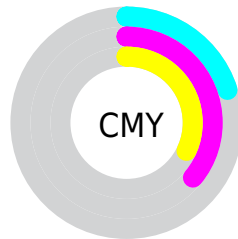


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 16.542, 3.807 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 71, 16.542, 3.807 by changing the saturation by 10% instead.

71, 16.542, 3.807

71, 16.542, 3.807

100, 16.542, 3.807

61, 16.542, 3.807

91, 16.542, 3.807

51, 16.542, 3.807

41, 16.542, 3.807

31, 16.542, 3.807

21, 16.542, 3.807

11, 16.542, 3.807

1, 16.542, 3.807

0, 16.542, 3.807

71, 16.542, 3.807

71, 16.542, 3.807

66, 25.315, 5.140

77, 8.101, 2.674

61, 34.299, 6.743

82, 0.060, 353.195

56, 43.277, 8.723

88, 7.567, 181.039

52, 51.942, 11.210

94, 14.787,
180.283

48, 59.934, 14.359

97, 16.962,
193.297

46, 66.937, 18.316

44, 72.836, 23.126

97, 16.766,
198.393

43, 77.933, 28.376

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



71, 16.542, 3.807



79, 15.328, 179.961

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71, 16.542, 3.807



71, 16.542, 53.807



71, 16.542, 183.807



71, 16.542, 233.807

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



71, 16.540, 3.812



96, 5.720, 2.237



71, 25.154, 318.669



51, 3.800, 2.311



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 16.540, 3.812



84, 23.899, 4.347



73, 13.291, 46.478



40, 4.549, 2.601



34, 66.216, 27.463



4, 18.270, 8.733

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



71, 16.540, 3.812



84, 23.899, 4.347



76, 11.762, 228.899



40, 4.549, 2.601



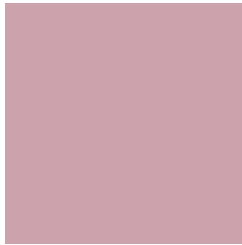
34, 66.216, 27.463



4, 18.270, 8.733

Previews

White Background



This preview shows how the CIELCh color 71, 16.542, 3.807 looks on a white background.

Color Contrast Check

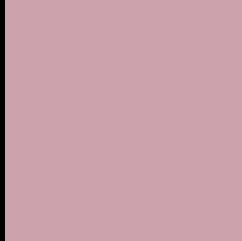
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 71, 16.542, 3.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

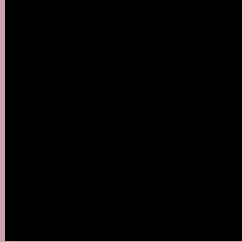
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 16.542, 3.807

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.542, 3.807.



This preview shows how white text looks on a background with the CIELCh color 71, 16.542, 3.807.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

71, 16.542, 3.807

Protanopia

71, 2.969, 312.551

Deuteranopia

71, 9.362, 10.185



Tritanopia

71, 17.359, 359.042

Trichromacy



Original Color
71, 16.542, 3.807

Protanomaly
71, 7.498, 349.456

Deuteranomaly
71, 11.865, 7.245

Tritanomaly
71, 17.196, 0.745

Monochromacy



Original Color
71, 16.542, 3.807

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.929, 3.906

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.542, 3.807 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(204, 163, 172)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 172)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(204, 163, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.542, 3.807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(204, 163, 172) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(204, 163, 172) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(204, 163, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 172);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.542, 3.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 163, 172) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(204,  
163, 172) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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